

**CYRO Industries
York County
Sanford, Maine
A-393-71-U-M (SM)**

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #1**

After review of the air emissions license amendment application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

1. CYRO Industries (CYRO) of Sanford, Maine was issued Air Emission License A-393-71-T-R on June 9, 2003, permitting the operation of emission sources associated with their acrylic sheet manufacturing facility.
2. CYRO has requested a minor revision to their license in order to revise the testing requirements for their thermal oxidizer.

B. Revision Description

CYRO's current license requires them to perform compliance testing on the thermal oxidizer whenever VOC loading to the thermal oxidizer exceeds 110% of the maximum demonstrated pounds of VOC per hour loading achieved in previous testing.

The thermal oxidizer was designed to achieve a minimum of 98% destruction efficiency at a loading of 100 lb/hr. The maximum theoretical loading to the unit based on equipment design is 75 lb/hr. Previous testing has been done at 14.9 and 18.3 lb/hr. Both tests surpassed the license limit of 98% destruction.

Based on the information above, CYRO has proposed, and the Department agrees, that retesting at 110% of past test loads offers no additional benefit. Future stack testing of this unit will be performed upon request by the Department.

C. Application Classification

This amendment will not increase emissions of any pollutant. Therefore, this modification is determined to be a minor revision and has been processed as such.

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ORDER

The Department hereby grants Air Emission License Minor Revision A-393-71-U-M, subject to the conditions found in Air Emission License A-393-71-T-R, and in addition to the following conditions:

The following shall replace Condition (24)(D) of Air Emission License A-393-71-T-R:

(24) Multi-functional Coating Facility

D. CYRO shall conduct additional performance testing on the thermal oxidizer upon request by the Department. [MEDEP Chapter 115, BPT]

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2004.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAWN R. GALLAGHER, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-393-71-T-R.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 2/9/04

Date of application acceptance: 2/10/04

Date filed with the Board of Environmental Protection: _____

This Order prepared by Lynn Ross, Bureau of Air Quality.